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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
GROUP 110 GROUP 110

In re Applicant: CHING-WU CHU  
Serial No.: 012,205  
Filed: February 6, 1987 Group: 115  
For: HIGH TRANSITION TEMPERATURE  
SUPERCONDUCTING COMPOSITIONS  
Examiner: D.L. Albrecht

AMENDMENT

Honorable Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

This amendment is responsive to the Office Action  
mailed September 4, 1987 (Paper No. 6) and the  
Supplemental Office Action mailed February 2, 1988 (Paper  
No. 9). This amendment is accompanied by a Petition for  
Three Month Extension of Time and the required fee. Hence  
this amendment is timely filed on August 2, 1988. Please  
amend the above entitled and numbered application as  
follows:

IN THE CLAIMS

Please cancel, without prejudice, claims 1-8.

Please amend claims 9-12 as follows:

9. (Amended) A superconducting metal oxide  
structure, comprising:  
a copper substrate; and  
a metal oxide complex deposited on said  
substrate, said complex having the formula  $(L_{1-x}M_x)^{A_b}O_y$   
wherein L is lanthanum, lutetium, yttrium, scandium or a  
combination thereof; M is barium, strontium, calcium,

PL  
cont